

# SEQUENCE LISTING

<110> Salter, Michael  
Gingrich, Jeffrey

<120> Method for Modification of NMDA Receptors Through Inhibition of Src

<130> 2560.004

<160> 13

<170> PatentIn version 3.1

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<213> Homo sapiens

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 35 40 45  
 Pro Ser Ala Ala Phe Ala Pro Ala Ala Ala Glu Pro Lys Leu Phe Gly  
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 Gly Phe Asn Ser Ser Asp Thr Val Thr Ser Pro Gln Arg Ala Gly Pro  
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 85 90 95  
 Arg Thr Glu Thr Asp Leu Ser Phe Lys Lys Gly Glu Arg Leu Gln Ile  
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 Val Asn Asn Thr Glu Gly Asp Trp Trp Leu Ala His Ser Leu Ser Thr  
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 Arg Glu Ser Glu Thr Thr Lys Gly Ala Tyr Cys Leu Ser Val Ser Asp  
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 Ala Ala Gln Ile Ala Ser Gly Met Ala Tyr Val Glu Arg Met Asn Tyr  
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 Val His Arg Asp Leu Arg Ala Ala Asn Ile Leu Val Gly Glu Asn Leu  
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 Glu Tyr Thr Ala Arg Gln Gly Ala Lys Phe Pro Ile Lys Trp Thr Ala  
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 Pro Glu Ala Ala Leu Tyr Gly Arg Phe Thr Ile Lys Ser Asp Val Trp  
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 Ser Phe Gly Ile Leu Leu Thr Glu Leu Thr Thr Lys Gly Arg Val Pro  
 450 455 460  
 Tyr Pro Gly Met Val Asn Arg Glu Val Leu Asp Gln Val Glu Arg Gly  
 465 470 475 480  
 Tyr Arg Met Pro Cys Pro Pro Glu Cys Pro Glu Ser Leu His Asp Leu  
 485 490 495  
 Met Cys Gln Cys Trp Arg Lys Glu Pro Glu Glu Arg Pro Thr Phe Glu  
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Tyr Leu Gln Ala Phe Leu Glu Asp Tyr Phe Thr Ser Thr Glu Pro Gln  
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 cccaccatca tagccaccat caccctcctt aacctctact tctacctacg cctaattctac 180  
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Thr Lys Asn Asn Ser Leu Ile Ile Pro Thr Ile Met Ala Thr Ile Thr  
 35 40 45

Leu Leu Asn Leu Tyr Phe Tyr Leu Arg Leu Ile Tyr Ser Thr Ser Ile  
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Leu Glu Met Asn Met Leu Ala Phe Ile Pro Val Leu Thr Lys Lys Met  
 35 40 45  
 Asn Pro Arg Ser Thr Glu Ala Ala Ile Lys Tyr Phe Leu Thr Gln Ala  
 50 55 60  
 Thr Ala Ser Met Ile Leu Leu Met Ala Ile Leu Phe Asn Asn Met Leu  
 65 70 75 80  
 Ser Gly Gln Trp Thr Met Thr Asn Thr Thr Asn Gln Tyr Ser Ser Leu  
 85 90 95  
 Met Ile Met Met Ala Met Ala Met Lys Leu Gly Met Ala Pro Phe His  
 100 105 110  
 Phe Trp Val Pro Glu Val Thr Gln Gly Thr Pro Leu Thr Ser Gly Leu  
 115 120 125  
 Leu Leu Leu Thr Trp Gln Lys Leu Ala Pro Ile Ser Ile Met Tyr Gln  
 130 135 140  
 Ile Ser Pro Ser Leu Asn Val Ser Leu Leu Leu Thr Leu Ser Ile Leu  
 145 150 155 160  
 Ser Ile Met Ala Gly Ser Trp Gly Gly Leu Asn Gln Thr Gln Leu Arg  
 165 170 175  
 Lys Ile Leu Ala Tyr Ser Ser Ile Thr His Met Gly Trp Met Met Ala  
 180 185 190  
 Val Leu Pro Tyr Asn Pro Asn Met Thr Ile Leu Asn Leu Thr Ile Tyr  
 195 200 205  
 Ile Ile Leu Thr Thr Thr Ala Phe Leu Leu Leu Asn Leu Asn Ser Ser  
 210 215 220  
 Thr Thr Thr Leu Leu Leu Ser Arg Thr Trp Asn Lys Leu Thr Trp Leu  
 225 230 235 240  
 Thr Pro Leu Ile Pro Ser Thr Leu Leu Ser Leu Gly Gly Leu Pro Pro  
 245 250 255  
 Leu Thr Gly Phe Leu Pro Lys Trp Ala Ile Ile Glu Glu Phe Thr Lys  
 260 265 270  
 Asn Asn Ser Leu Ile Ile Pro Thr Ile Met Ala Thr Ile Thr Leu Leu  
 275 280 285



Asn Leu Tyr Phe Tyr Leu Arg Leu Ile Tyr Ser Thr Ser Ile Thr Leu  
290 295 300

Leu Pro Met Ser Asn Asn Val Lys Met Lys Trp Gln Phe Glu His Thr  
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Lys Pro Thr Pro Phe Leu Pro Thr Leu Ile Ala Leu Thr Thr Leu Leu  
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Leu Asn Ser Ser Thr Thr Thr Leu Leu Leu Ser Arg Thr Trp Asn Lys  
35 40 45

Leu Thr Trp  
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Leu Glu Met Asn Met Leu Ala Phe Ile Pro Val Leu Thr Lys Lys Met  
 35 40 45

Asn Pro Arg Ser Thr Glu Ala Ala Ile Lys Tyr Phe Leu Thr Gln Ala  
 50 55 60

Thr Ala Ser Met Ile Leu Leu Met Ala Ile Leu Phe Asn Asn Met Leu  
 65 70 75 80

Ser Gly Gln Trp Thr Met Thr Asn Thr Thr Asn Gln Tyr Ser Ser Leu  
 85 90 95

Met Ile Met Met Ala Met Ala Met Lys Leu Gly Met Ala Pro Phe His  
 100 105 110

Phe Trp Val Pro Glu Val Thr Gln Gly Thr Pro Leu Thr Ser Gly Leu  
 115 120 125

Leu Leu Leu Thr Trp Gln Lys Leu Ala Pro Ile Ser Ile Met Tyr Gln  
 130 135 140

Ile Ser Pro Ser Leu Asn Val Ser Leu Leu Leu Thr Leu Ser Ile Leu  
 145 150 155 160

Ser Ile Met Ala Gly Ser Trp Gly Gly Leu Asn Gln Thr Gln Leu Arg  
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Lys	Ile	Leu	Ala	Tyr	Ser	Ser	Ile	Thr	His	Met	Gly	
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